

**UTILITY  
PATENT APPLICATION****TRANSMITTAL***(Only for original applications)***APPLICATION ELEMENTS**  
*See MPEP chapter 600 concerning utility patent  
application contents.*

Attorney Docket No. 1341.1182

First Named Inventor or Application Identifier:  
Naoki OGUCHI et al.

Express Mail Label No.

**ADDRESS TO:**  
**Commissioner for Patents**  
**Box Patent Application**  
**PO Box 1450**  
**Alexandria, VA 22313-1450**

1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract .....[Total Pages: 83]
3. ☒ Drawing(s) (35 USC 113) .....[ Total Sheets: 25 ] [FIGS. 1-34 ]
4. ☒ Oath or Declaration .....[ Total Pages: 3 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Verified Statement Claiming Small Entity Status
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76
7. ☒ Applicant claims foreign priority benefit to: Japanese Application 2003-054410 filed February 28, 2003; and  
Japanese Application 2003-144137 filed May 21, 2003
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies
10. ☐ For publication of assignee information under 37 CFR 1.215(b), list the assignee as Fujitsu Limited of  
Kawasaki, Japan. The Assignment papers will be filed later.

**ACCOMPANYING APPLICATION PARTS**


11. ☒ Assignment (cover sheet & document(s)) to Fujitsu Limited of Kawasaki, Japan  
☒ for publication of assignee information under 37 CFR 1.215(b)
12. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
15. ☐ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
17. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent
19. ☐ Other:

**20. CORRESPONDENCE ADDRESS****21171**

PATENT TRADEMARK OFFICE

13281. U.S. PTO

S&amp;H Form (10/03)

|  |   |   |                     |                                  |                  |                     |       |
|--|---|---|---------------------|----------------------------------|------------------|---------------------|-------|
| <b>NEW APPLICATION<br/>FEE TRANSMITTAL</b>   |   | Attorney Docket No.   |                     | 1341.1182                        |                  |                     |       |
|  |   | Application Number  |                     |                                  |                  |                     |       |
|  |   | Filing Date   |                     |                                  |                  |                     |       |
| AMOUNT ENCLOSED  |   | \$ 1500.00  |                     | First Named Inventor             |                  | Naoki OGUCHI et al. |       |
| <b>FEE CALCULATION</b> (fees effective 10/01/03)   |   |   |                     |                                  |                  |                     |       |
| CLAIMS   | (1) FOR   | (2) NUMBER<br>FILED   | (3) NUMBER<br>EXTRA | (4) RATE                         | (5) CALCULATIONS |                     |       |
|  | TOTAL CLAIMS  | 44 - 20 =   | 24                  | X \$ 18.00 =                     | \$ 432.00        |                     |       |
|  | INDEPENDENT<br>CLAIMS   | 6 - 3 =   | 3                   | X \$ 86.00 =                     | 258.00           |                     |       |
|  | MULTIPLE DEPENDENT CLAIMS (any number;<br>if applicable)                            |   |                     | + \$290.00 =                     |                  |                     |       |
|  |   |   |                     | BASIC FILING<br>FEE              |                  | 770.00              |       |
|  |   |   |                     | Total of above<br>Calculations = |                  | \$ 1460.00          |       |
|  | Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f))<br>(\$130.00)   |   |                     |                                  |                  |                     |       |
|  | Reduction by 50% for filing by small entity (37 CFR 1.27).                          |   |                     |                                  |                  |                     |       |
|  |   |   |                     | TOTAL FILING<br>FEE =            |                  | \$ 1460.00          |       |
|  | Surcharge for filing non-English language application (\$130.00;<br>37 CFR 1.52(d)) |   |                     |                                  |                  |                     |       |
|  | Recordation of Assignment (\$40.00; 37 CFR 1.21(h))                                 |   |                     |                                  |                  |                     | 40.00 |
|  |   |   |                     | TOTAL FEES<br>DUE =              |                  | \$ 1500.00          |       |
| <b>METHOD OF PAYMENT</b>   |   |   |                     |                                  |                  |                     |       |
| <input checked="" type="checkbox"/> Check enclosed as payment.<br><input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below.<br><input type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time<br>(unless specifically required to obtain a filing date).   |   |   |                     |                                  |                  |                     |       |
| <b>GENERAL AUTHORIZATION</b>   |   |   |                     |                                  |                  |                     |       |
| <input checked="" type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby<br>authorized to credit any overpayment or charge any additional fees necessary to:  |   |   |                     |                                  |                  |                     |       |
| Deposit Account No.  |   | 19-3935   |                     |                                  |                  |                     |       |
| Deposit Account Name   |   | STAAS & HALSEY LLP  |                     |                                  |                  |                     |       |
| <input checked="" type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees<br>required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the<br>prosecution of this application, including any related application(s) claiming benefit hereof<br>pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or<br>continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any<br>such related application. |   |   |                     |                                  |                  |                     |       |
| <b>SUBMITTED BY: STAAS &amp; HALSEY LLP</b>  |   |   |                     |                                  |                  |                     |       |
| Typed Name   |   | Mark J. Henry   |                     | Reg. No.                         |                  | 36,162              |       |
| Signature  |   |  |                     | Date                             |                  | Feb 3 2004          |       |